**FCC ID: 2AUQ8-MP3**

Portable device
According to §15.247(e)(i) and §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.
According to KDB447498 D01 General RF Exposure Guidance V06
The 1-g SAR and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)]·[√f(GHZ)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where:

- f(GHZ) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

BT

| Modulation | Channel Freq. (GHz) | Conducted power (dBm) | Conducted power (mW) | Tune-up power (dBm) | Max tune-up power (dBm) | Max tune-up power (mW) | Distance (mm) | Result calculation | SAR Exclusion threshold | SAR test exclusion |
|---|---|---|---|---|---|---|---|---|---|---|
| GFSK | 2.402 | 2.8 | 1.91 | 3+1 | 4 | 2.51 | <5 | 0.77860 | 3.00 | YES |
| | 2.441 | 3.85 | 2.43 | 3+1 | 4 | 2.51 | <5 | 0.78490 | 3.00 | YES |
| | 2.480 | 2.65 | 1.84 | 3+1 | 4 | 2.51 | <5 | 0.79114 | 3.00 | YES |
| π/4-DQPSK | 2.402 | 4.17 | 2.61 | 5+1 | 6 | 3.98 | <5 | 1.23400 | 3.00 | YES |
| | 2.441 | 5.11 | 3.24 | 5+1 | 6 | 3.98 | <5 | 1.24398 | 3.00 | YES |
| | 2.480 | 4.01 | 2.52 | 5+1 | 6 | 3.98 | <5 | 1.25388 | 3.00 | YES |
| 8-DPSK | 2.402 | 4.67 | 2.93 | 5+1 | 6 | 3.98 | <5 | 1.23400 | 3.00 | YES |
| | 2.441 | 5.63 | 3.66 | 5+1 | 6 | 3.98 | <5 | 1.24398 | 3.00 | YES |
| | 2.480 | 4.44 | 2.78 | 5+1 | 6 | 3.98 | <5 | 1.25388 | 3.00 | YES |

BLE

| Modulation | Channel Freq. (GHz) | Conducted power (dBm) | Conducted power (mW) | Tune-up power (dBm) | Max tune-up power (dBm) | Max tune-up power (mW) | Distance (mm) | Result calculation | SAR Exclusion threshold | SAR test exclusion |
|---|---|---|---|---|---|---|---|---|---|---|
| GFSK | 2.402 | 2.73 | 1.87 | 4+1 | 5 | 3.16 | <5 | 0.98020 | 3.00 | YES |
| | 2.441 | 3.82 | 2.41 | 4+1 | 5 | 3.16 | <5 | 0.98813 | 3.00 | YES |
| | 2.480 | 2.72 | 1.87 | 4+1 | 5 | 3.16 | <5 | 0.99599 | 3.00 | YES |

**Conclusion:**
For the max result : 1.25388W/Kg ≤ 3.0 for 1g SAR, No SAR is required.

**Signature:** Alex **Date:** 2019-11-04

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